

Converting Colors

YIQ(198.6190, 29.9480,
-47.1720)

Have a look what the booklet for
YIQ(198.6190, 29.9480, -47.1720)
contains.

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Color

**YIQ(198.6190, 29.9480,
-47.1720)**

Conversions

Conversions Part 1

Format	Color
Hex	C6DD55
RGB	198, 221, 85
RGB Percent	78%, 87%, 33%
CMY	0.2237, 0.1333, 0.6664
CMYK	0.10, 0.00, 0.62, 0.13
HSL	70°, 67%, 60%
HSV	70°, 62%, 87%
XYZ	50.7802, 64.3755, 18.3556
YIQ	198.6190, 29.9480, -47.1720

Conversions

Conversions Part 2

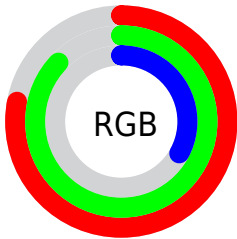
Format	Color
R_{YB}	85, 221, 108
Decimal	13032789
CIE _{Lab}	84.16, -26.01, 62.21
CIE _{LCh}	84, 67.427, 112.692
Yxy	64.3755, 0.3803, 0.4822
Android (android.graphics.Color)	4291222869 (0xFFC6DD55)
YUV	198.6190, -56.0142, -0.5429
Hunter-Lab	80.2344, -27.4378, 42.6000

Details

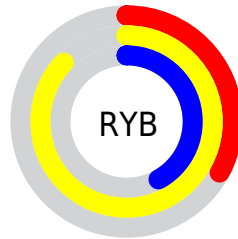
The YIQ color $198.6190, 29.9480, -47.1720$ is a light color, and the websafe version is hex `CCCC33`. The color can be described as light muted yellow. A complement of this color would be $107.3810, -29.9480, 47.1720$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $241.8900, 36.9150, -35.7650$, and $142.4510, 30.3610, -49.1510$ is the 20% darker color. If you saturate the color by 10%, you get $194.9150, 34.6260, -54.8620$, and if you desaturate by 10%, it is $202.3230, 25.2700, -39.4820$.

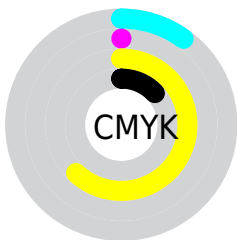
Distribution



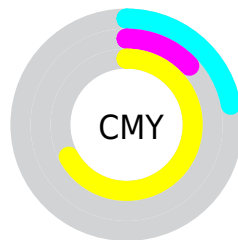
- Red (78%)
- Green (87%)
- Blue (33%)



- Red (33%)
- Yellow (87%)
- Blue (42%)



- Cyan (10%)
- Magenta (0%)
- Yellow (62%)
- Black (13%)



- Cyan (22%)
- Magenta (13%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 198.6190, 29.9480, -47.1720 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 198.6190, 29.9480, -47.1720 by changing the saturation by 10% instead.

■ 198.6190, 29.9480,
-47.1720

■ 198.6190, 29.9480,
-47.1720

■ 255.0000, -0.0000,
-0.0000

■ 170.3200, 29.3520,
-47.3840

■ 241.8900, 36.9150,
-35.7650

■ 142.4510, 30.3610,
-49.1510

■ 245.0820, 27.9270,
-27.0570

■ 115.9670, 28.8480,
-49.2640

■ 248.2740, 18.9390,
-18.3490

■ 92.6320, 19.9060,
-41.3900

■ 251.5800, 9.6300,
-9.3300

■ 70.1830, 11.2850,
-33.8270

■ 48.3100, 0.9220,
-27.7340

■ 26.4260, -10.9080,

-22.5880

■ 13.5010, -6.3250,
-12.0290

■ 0.0000, 0.0000,
0.0000

■ 198.6190, 29.9480,
-47.1720

■ 198.6190, 29.9480,
-47.1720

■ 194.9150, 34.6260,
-54.8620

■ 202.3230, 25.2700,
-39.4820

■ 191.2110, 39.3040,
-62.5520

■ 205.7280, 19.9960,
-32.0040


■ 187.8060, 44.5780,
-70.0300

■ 209.4320, 15.3180,
-24.3140


■ 184.7430, 48.8890,
-76.5750


■ 213.1360, 10.6400,
-16.6240

 216.9540, 5.6410,
-8.6230

 220.3590, 0.3670,
-1.1450

 224.0630, -4.3110,
6.5450

 226.9690, -6.7420,
12.0580

 228.1650, -4.3580,
12.9060

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



203.1240, 71.6670, -26.8050



198.6190, 29.9480, -47.1720



187.9440, -34.2390, -56.8230

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



198.6190, 29.9480, -47.1720



167.0150, -146.4800, -43.6000



193.2220, 36.1670, 43.9030

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



198.6190, 29.9480, -47.1720



107.3810, -29.9480, 47.1720

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



206.8660, 22.5500, 42.8860



198.6190, 29.9480, -47.1720



159.3840, -142.9050, -36.8010

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



198.6190, 29.9480, -47.1720



170.5370, -148.1300, -46.7380



201.7960, -25.1280, 14.8720



187.1000, 56.1610, 22.9530

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



198.6190, 29.9480, -47.1720



159.6730, -120.2950, -72.1270



201.7960, -25.1280, 14.8720



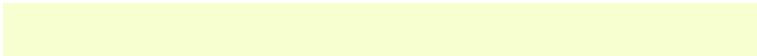
197.9640, 28.3260, 48.3420

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



198.6190, 29.9480, -47.1720



247.3640, 9.9980, -16.0020



139.1650, 74.7310, 16.8030



123.1990, 6.3290, -10.0790



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



198.6190, 29.9480, -47.1720



223.8860, 41.5970, -65.5630



178.2870, -10.5800, -61.5880



108.1480, 2.3390, -3.8450



144.6070, 38.2490, -59.9510



38.3640, 9.9980, -16.0020

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



107.3810, -29.9480, 47.1720



97.1140, -41.5970, 65.5630



127.7130, 10.5800, 61.5880



100.8520, -2.3390, 3.8450



28.3930, -38.2490, 59.9510



7.6360, -9.9980, 16.0020

Previews

White Background



This preview shows how the YIQ color 198.6190, 29.9480, -47.1720 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 198.6190, 29.9480, -47.1720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 198.6190, 29.9480, -47.1720

Background



This preview shows how black text looks on a background with the YIQ color 198.6190, 29.9480, -47.1720.



This preview shows how white text looks on a background with the YIQ color 198.6190, 29.9480,

-47.1720.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

**Original Color**

198.6190, 29.9480, -47.1720

Protanopia

202.5840, 55.3920, -34.7200

Deuteranopia

206.2990, 61.3490, -16.0190



Tritanopia

210.6180, -1.5600, 6.2480

Trichromacy



Original Color

198.6190, 29.9480, -47.1720

Protanomaly

201.1590, 46.2230, -39.2570

Deuteranomaly

203.6900, 49.5220, -27.4540

Tritanomaly

206.3580, 10.1350, -12.9770

Monochromacy



Original Color

198.6190, 29.9480, -47.1720

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

199.0220, 10.9610, -16.9350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 198.6190, 29.9480, -47.1720 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(198, 221, 85)` looks like.

```
.text, #text, p{  
    color:rgb(198, 221, 85)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(198, 221, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 221, 85) }
```

Border

The CSS property to change the border of an element to YIQ 198.6190, 29.9480, -47.1720 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 221, 85) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(198, 221, 85) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(198, 221, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 221, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 221, 85);  
box-shadow:4px 4px 4px 4px rgb(198, 221,  
85) }
```

Background

The CSS property to change the background color of an element to YIQ 198.6190, 29.9480, -47.1720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 221, 85) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(198,  
221, 85) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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